

Installation for the remote monitoring of a park of  
heterogeneous industrial production apparatuses

ABSTRACT

The installation for the remote monitoring of a park of heterogeneous industrial production apparatuses (18, 22, 26) comprises, for each apparatus (18, 22, 26), means (20A, 20B, 24A, 24B, 32A, 32B) for reading informations relating to the operation of the apparatus. These informations reading means are connected to means (48, 50, 52, 54) for the remote monitoring of the apparatus by communication means 40 associated with the apparatus (18, 22, 26) and adapted for the communication of the data from the apparatus to the remote monitoring means. All the communication means (40) comprise analog means for the structuration of the data in accordance with a unified structure independent of the type of the apparatus and of the read informations. The remote monitoring means comprise at least one monitoring station (48, 50, 52, 54) connected to the communication means (40) of all of the apparatuses. The or each station comprises means for exploiting the unified structure informations read from one or more apparatuses.

Figure 1